**Priority-driven Collaborative Cancer Research Scheme 2021**

Cancer Australia, Can Too, Cure Cancer, Leukaemia Foundation, Lung Foundation Australia, My Room Children’s Cancer Charity Ltd, National Breast Cancer Foundation, Pancare Foundation, and The Kids’ Cancer Project, are pleased to announce the first group of successful applicants in the 2021 Round of the Priority-driven Collaborative Cancer Research Scheme.

**Brosda, Sandra**

The University of Queensland

Investigating the spatial and temporal tumour evolution to improve precision medicine in patients with oesophageal adenocarcinoma

Funded by: Cure Cancer

**Buchanan, Daniel**

Victorian Comprehensive Cancer Centre, University of Melbourne

Linking gut bacteria to the development of early onset colorectal cancer using multi-omic profiling

Funded by: Cancer Australia

**Castano-Rodriguez, Natalia**

The University of New South Wales

Understanding the crosstalk between autophagy and microbial lactate in stomach cancer

Funded by: Cancer Australia and Pancare Foundation

**Colino-Sanguino, Yolanda**

Children's Cancer Institute, The University of New South Wales

Modelling epigenetic reprograming as immunotherapy for metastatic breast cancer

Funded by: Cancer Australia and Can Too

**Greer, Peter**

University of Newcastle

SEAFARER – Is radiation therapy patient specific quality assurance in Australia effective?

Funded by: Cancer Australia

**Guillerey, Camille**

Mater Research Institute, The University of Queensland

Utilising cord blood-derived Natural Killer cells to prevent post-transplant relapse in Childhood Leukaemia

Funded by: Cancer Australia, Leukaemia Foundation, My Room Children’s Cancer Charity Ltd and The Kids’ Cancer Project

**Hickey, Theresa**

University of Adelaide

Arming androgen receptors to transform endocrine therapy for ER+ breast cancer

Funded by: Cancer Australia

**Hiwase, Devendra**

Central Adelaide Local Health Network, The University of Adelaide

Identifying synthetic lethal and microenvironmental targets to improve outcome of therapy-related myeloid neoplasms

Funded by: Cancer Australia

**Hopper, John**

University of Melbourne

Applying artificial intelligence, epidemiological thinking and the perspectives of women and their radiologists to address the problem of dense breasts.

Funded by: Cancer Australia

**Janaththani, Panchadsaram**

Queensland University of Technology

Alternative splicing of Iroquois Homeobox-4 (IRX4) as a mediator of androgen signalling in aggressive prostate cancer

Funded by: Cancer Australia and Cure Cancer

**Keall, Paul**

University of Sydney

Dynamic cancer targeting for radiation therapy patients

Funded by: Cancer Australia

**Kulasinghe, Arutha**

University of Queensland

LUNG PREDICT study

Funded by: Cancer Australia and Can Too Foundation

**Macrae, Finlay**

Melbourne Health

CaPP3 Australia: A randomised double blind dose non-inferiority trial of aspirin in Lynch syndrome with open label extension.

Funded by: Cancer Australia

**McDonnell, Alison**

Telethon Kids Institute on behalf of the Centre for Child Health Research, University of Western Australia

Prognostic value of pleural effusion-derived tissue resident memory T cells

Funded by: Cancer Australia

**Naeini, Marjan**

The Council of the Queensland Institute of Medical Research

Investigating immune clusters in oesophageal cancer

Funded by: Cure Cancer

**Nassar, Zeyad**

The University of Adelaide

Targeting Fatty Acid Oxidation, a Novel Approach for Prostate Cancer Treatment

Funded by: Cancer Australia and Can Too

**Noll, Jacqueline**

The University of Adelaide

Investigating mechanisms of relapse in high-risk paediatric acute lymphoblastic leukaemia

Funded by: My Room Children’s Cancer Charity Limited

**Poh, Ashleigh**

Olivia Newton-John Cancer Research Institute, La Trobe University

Targeting the myeloid-specific kinase HCK in non-small cell lung cancer to improve response to therapy

Funded by: Cancer Australia and Lung Foundation Australia

**Purton, Louise**

St. Vincent’s Institute of Medical Research

Targeting HOXA1-expressing stem cells to improve therapies for myelodysplastic syndromes.

Funded by: Cancer Australia

**Syed, Shafiq**

University of Newcastle

A fatty link between stem cells and endometrial cancer: Understanding the role of Axin2+ stem cells in endometrial regeneration, cancer, and metastasis

Funded by: Cancer Australia and Cure Cancer

**Thijssen, Rachel**

The Walter and Eliza Hall Institute of Medical Research

Elucidating leukaemia cell plasticity in resistance to targeted therapy

Funded by: Leukaemia Foundation

**Tjin, Gavin**

St Vincent's Institute of Medical Research

Identification of megakaryocyte and platelet bone marrow niches

Funded by: My Room Children’s Cancer Charity Ltd and The Kids’ Cancer Project

**Trau, Matt**

University of Queensland

nanoIMPAC: Monitoring immune toxicities and tumour immune evasion in lung cancer

Funded by: Cancer Australia

**Vandyke, Kate**

University of Adelaide

An age-old problem: the role of senescent bone marrow stromal cells in MGUS to multiple myeloma progression

Funded by: Cancer Australia and Leukaemia Foundation